

## 2024 NRC Standards Forum

### Agenda

**Date:** Wednesday, September 25, 2024

**Format:** Hybrid Event (In-person at NRC Two White Flint Auditorium; Remote via MS TEAMS)

**Registration:** [Registration Page](#).

#### Objectives:

- Facilitate strategic discussions on codes and standards needs and priorities across standards development organizations, and organizations that rely on the development of those standards.
- Facilitate identification of gaps and gather feedback on strategies and plans to address such gaps.
- Explore how to collaborate in accelerating the development of codes and standards and the NRC's endorsement of these codes and standards in its regulations and regulatory guides.

Time	Topic	Speaker
9:00 am – 9:20 am	<b>Welcome, logistics, and opening remarks and special welcome by Chair Hanson</b>	NRC
9:20 am – 10:40 am	<p><b>Codes &amp; Standards Initiatives for New &amp; Advanced Reactors</b></p> <p><b>Session Chair:</b> Christian Araguas, Director, Division of Engineering, Office of Nuclear Regulatory Research; NRC Standards Executive, NRC</p> <p><b>Session Topics and Speakers:</b></p> <p><b>1. NRC-INL Collaboration on Codes &amp; Standards</b></p> <ul style="list-style-type: none"><li>○ Jason Christensen, Senior Regulatory Engineer, INL</li></ul> <p><b>2. Codes &amp; Standards Initiatives for New &amp; Advanced Reactors</b></p> <ul style="list-style-type: none"><li>○ Christian Araguas, Director, Division of Engineering, Office of Nuclear Regulatory Research; NRC Standards Executive, NRC</li></ul> <p><b>3. Current Progress, Future Actions Advanced Reactor Codes and Standards Collaborative (ARCSC)</b></p> <ul style="list-style-type: none"><li>○ Kate Hyam, Director of Nuclear, Clean Energy, and Standardization Codes and Standards, ASME; ARCSC Co-Chair</li></ul> <p><b>4. Use of Risk Insights in selecting Code or Standards for Advanced Reactor SSCs, Application of the Licensing Modernization Project Criteria</b></p> <ul style="list-style-type: none"><li>○ John Richards, Senior Technical Executive for Risk &amp; Safety Management, EPRI</li></ul> <p><b>Q&amp;A after completion of all presentations</b></p>	ARCSC, EPRI, INL, NRC

Time	Topic	Speaker
10:40 am – 12:00 pm	<p align="center"><b>Standards Development Organizations Activities</b></p> <p><b>Session Chair:</b> Meraj Rahimi, Chief, Regulatory Guide and Programs Management Branch, Division of Engineering, Office of Nuclear Regulatory Research</p> <p><b>Session Topics and Speakers:</b></p> <ol style="list-style-type: none"> <li><b>American Nuclear Society Activities</b> <ul style="list-style-type: none"> <li>Andrew Sowder, Chair, ANS Standards Board</li> </ul> </li> <li><b>ASME Advanced Reactor Standards Development</b> <ul style="list-style-type: none"> <li>Thomas Vogan, Senior Vice President, ASME Standards and Certification</li> </ul> </li> <li><b>Addressing New and Advanced Reactors in Standards for Instrumentation, Control, Electrical and Control Room Systems</b> <ul style="list-style-type: none"> <li>Richard Woods, Nuclear Engineering Professor, University of Tennessee; IEEE Representative to ARCSC</li> </ul> </li> <li><b>Updates to ASCE/SEI Standards 4 and 43</b> <ul style="list-style-type: none"> <li>Brian McDonald, VP and Principal Engineer, Exponent; Chair, ASCE Committee on Dynamic Analysis of Nuclear Structures</li> <li>Andrew Whitaker, SUNY Distinguished Professor, University at Buffalo; Chair, ASCE Nuclear Standards Committee</li> </ul> </li> </ol> <p><b>Q&amp;A after completion of all presentations</b></p>	ANS, ASCE, ASME, IEEE
12:00 pm – 1:15 pm	<b>Lunch Break</b>	--
1:15 pm – 2:40 pm	<p><b>Stakeholder Engagement - Accelerating Deployment of Versatile, Advanced Nuclear for Clean Energy Act of 2024 (ADVANCE Act of 2024, Section 401)</b></p> <p><b><i>(Overview of SEC. 401. REPORT ON ADVANCED METHODS OF MANUFACTURING AND CONSTRUCTION FOR NUCLEAR ENERGY PROJECTS)</i></b></p> <p><b>Session Chair:</b> Michele Sampson, Director, Division of New and Renewed Licenses, Office of Nuclear Reactor Regulation, NRC</p>	Seeking stakeholder input and engagement
2:40 pm – 2:55 pm	<b>Break</b>	
2:55 pm – 4:50 pm	<p align="center"><b>Advanced Materials, Manufacturing, And Construction</b></p> <p><b>Session Chair:</b> Greg Oberson, Chief, Advanced Reactor Technical Branch 1, Division of Advanced Reactors and Non-power Production and Utilization Facilities, Office of Nuclear Reactor Regulation</p>	ASME, INL, NRIC, Purdue University

Time	Topic	Speaker
	<p><b>Session Topics and Speakers:</b></p> <ol style="list-style-type: none"> <li><b>1. Accelerated Materials Deployment</b> <ul style="list-style-type: none"> <li>○ Todd Anselmi, Program Manager, ATR Recapitalization; Vice Chair, ANS Standards Board</li> </ul> </li> <li><b>2. Advanced Construction Technology Initiative Program</b> <ul style="list-style-type: none"> <li>○ Luke Voss, Program Manager, NRIC/ACTI</li> </ul> </li> <li><b>3. Advances &amp; Improvements to US Codes for SC Construction</b> <ul style="list-style-type: none"> <li>○ Amit H. Varma, Kettelhut Professor of Civil &amp; Construction Engineering, Purdue University;</li> </ul> </li> <li><b>4. The State of Additive Manufacturing Standards in Boiler and Pressure Vessel Applications</b> <ul style="list-style-type: none"> <li>○ Teresa Melfi, Technical Fellow, R&amp;D, Lincoln Electric; ASME</li> </ul> </li> <li><b>5. PSD-1: A Hub for Alignment of RI-PB Design Standards</b> <ul style="list-style-type: none"> <li>○ Ralph Hill, Chair, ASME Plant Systems Design Standards Committee</li> </ul> </li> </ol> <p><b>Q&amp;A after completion of all presentations</b></p>	
4:50 pm – 5:00 pm	<b>Summary of key takeaways and closing remarks</b>	
5:00 pm	<b>Adjourn</b>	